

IN THE CLAIMS:

Please cancel Claim 13 without prejudice or disclaimer of the subject matter recited therein.

1. (Previously Presented) A radiation image photographing apparatus configured to detect radiation comprising:
 - a radiation detecting panel configured to convert received radiation into an electrical signal;
 - a support substrate configured to support the radiation detecting panel, with a plurality of openings formed on a side of the support substrate opposite to a surface supporting the radiation detecting panel; and
 - a housing configured to contain the radiation detecting panel and the support substrate,wherein the surface of the support substrate configured to support the radiation detecting panel is flat.

2. (Previously Presented) An apparatus according to claim 1, further comprising a first reinforcing plate configured to reinforce the support substrate, and wherein the first reinforcing plate is fixed such that the openings can be covered with the first reinforcing plate.

3. (Previously Presented) An apparatus according to claim 2, wherein the first reinforcing plate is formed of fiber-reinforced plastics, fiber-reinforced metal, or aluminum alloy.

4. (Previously Presented) An apparatus according to claim 2, wherein an opening is provided in a portion of the first reinforcing plate.

5. (Previously Presented) An apparatus according to claim 4, further comprising a circuit board which is interposed between the first reinforcing plate and a lower portion of the housing, and to which an electrical component configured to control the radiation detecting panel is mounted, and wherein a portion of the electrical component is inserted in the opening of the first reinforcing plate.

6. (Previously Presented) An apparatus according to claim 1, further comprising a second sensor configured to detect the amount of radiation, and wherein the second sensor is inserted in the opening of the support substrate.

7. (Original) An apparatus according to claim 6, wherein the second sensor is comprised of a plurality of divided detecting devices, and the detecting devices are inserted in the openings which are independently formed, respectively.

8. (Previously Presented) An apparatus according to claim 2, further comprising a second reinforcing plate configured to oppress warp due to a difference between a linear expansion coefficient of the first reinforcing plate and a linear expansion coefficient of the support substrate, and wherein the second reinforcing plate is located between the support substrate and the radiation detecting panel.

9. (Previously Presented) An apparatus according to claim 8, wherein a linear expansion coefficient of the second reinforcing plate has the same order of magnitude as the linear expansion coefficient of the first reinforcing plate.

10. (Original) An apparatus according to claim 8, wherein the second reinforcing plate is formed of a fiber-reinforced plastics, tungsten, tantalum, or molybdenum.

11. (Original) An apparatus according to claim 8, wherein the second reinforcing plate is a radiation shielding member.

12. (Previously Presented) An apparatus according to claim 1, wherein the radiation detecting panel is constructed by layering a fluorescent member configured to convert radiation into visible light, a grid-like arranged optoelectrical converting device configured to

convert the visible light into an electrical signal, and a substrate on a surface of which the optoelectrical converting device is formed.

Claim 13. (Cancelled).